ARRANGEMENT IN A CHANNEL ADAPTER FOR
TRANSMITTING DATA ACCORDING TO LINK
WIDTHS SELECTED BASED ON RECEIVED LINK
MANAGEMENT PACKETS

ABSTRACT OF THE DISCLOSURE

A channel adapter, configured for sending frame data according to link widths selected based on management frames received from a link partner, includes a multiplexer circuit configured for selectively switching the frame data supplied according a prescribed maximum link width, to one of a plurality of available link widths for a transmit bus, and a bus controller. The bus controller is configured for controlling the multiplexer circuit to switch the frame data to one of the available link widths, including the prescribed link width, based the selected link width. Hence, a channel adapter can be configured for an optimum link width for communication with a corresponding channel adapter on a peer node.

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